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Conveners

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Dr. P. GAYATHRI, Head, Dept. of Physics, PMIST.

Coordinators

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Dr. R. ANANDHI, Assistant professor of Physics, PMIST.

Organizing Committee members

Dr. D. KUMAR, Professor/ Physics, PMIST.
Dr. AR. UMAL SUNDARI, Associate Professor / Physics, PMIST.
Dr. K. KESAVAN, Assistant Professor (SG) / Physics, PMIST.
Dr. M. HARI KUMAR, Assistant Professor (SG)/ Physics, PMIST.
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Dr. T. BHAGAYARAJ, Assistant Professor/ Physics, PMIST.
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Dr. N. SIVA JYOTHI, Assistant Professor/ Physics, PMIST.
Dr. B. SAKTHIVEL, Associate Professor AVVMSPC.
Dr. G. PASUPATHI, Associate Professor, AVVMSPC.
Dr. A. R. BALU, Associate Professor, AVVMSPC.
Dr. N. MANJULA, Associate Professor, AVVMSPC.
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Dr. K. MURUGANANDHAN, Assistant Professor, AVVMSPC.
Mr. P. M. SURESH, Assistant Professor, AVVMSPC.
Dr. K. THIRUMURUGAN, Assistant Professor, AVVMSPC.
Dr. N. BALAGURU, Assistant Professor, AVVMSPC.
Dr. K. UMA, Assistant Professor, AVVMSPC.
Mrs. R. SRIDEVI, Assistant Professor, AVVMSPC.

Keynote Speakers



Dr. R. RAMESH BABU

Professor & Head,
Crystal Growth and Thin Film Laboratory
Department of Physics,
Bharathidasan University,
Tiruchirappalli-24, Tamil Nadu.



Dr. YUVARAJ SIVALINGAM

Research Scientist (Computer, Electrical, and Mathematical
Science and Engineering Division)
King Abdullah University of Science and Technology,
Thuwal, Makkah, Saudi Arabia.



Dr. P. SAKTHIVEL

Associate Professor of Physics,
Faculty of Engineering.,
Karpagam Academy of Higher Education
(Deemed to be University),
Coimbatore. Tamil Nadu, India



Dr. S. RAJAGOPAL

Assistant Professor,
Department of Physics and Electronics,
School of Sciences,
Jain (Deemed to be University),
Sudhama Nagar, Bangalore 560027
India.



Dr. VIJAYAKUMAR SEKAR

Post Doctoral Research Fellow at Marine College,
Shandong University, Weihai,
P.R.China.



Dr. MAZABALO BANETO

Associate Professor
Department of Physics,
Université de Lomé
Togo, West Africa.



First International Conference on PROGRESS IN MATERIALS SCIENCE FOR SUSTAINABLE ENERGY, ENVIRONMENT AND HEALTH

6th - 7th March, 2024
Venue: Einstein Hall, PMIST

Organized By :

DEPARTMENT OF PHYSICS

PERIYAR MANIAMMAI INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University) Vallam – 613 403, Thanjavur Tamil Nadu, India

PG & RESEARCH DEPARTMENT OF PHYSICS

A.V.V.M. Sri Pushpam College (Autonomous)
Poondi – 613 503, Thanjavur (Dt.), Tamil Nadu, India.

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ABOUT THE INSTITUTION

PERIYAR MANIAMMAI INSTITUTE OF SCIENCE & TECHNOLOGY

Periyar Maniammai Institute of Science & Technology is proud to be a unique institution of higher learning and academic excellence. In an endeavour to fulfil the dreams of our Mentor Thanthai Periyar and Annai Maniammai, the University is dedicated to its societal responsibility for transforming students from different parts of India and abroad into stalwarts by igniting their hidden talents. As it is located in a rural area, the students are admitted from a wide range of calibre and by personal attention, and modern teaching methodology towards a Product / Process / Demo / Case Study teaching, they are shaped into career oriented professionals with bright future.

A.V.V.M SRI PUSHPAM COLLEGE

It was not a dream but a relative thought of Sri. A. Veeriyar Vandayar and his truthful brother Sri. A. Krishnaswamy Vandayar in the year 1956. Started in his residence with 11 students and 3 duty-bound teachers, Sri Pushpam College has now spread its banyan shade for a prosperous learning. Vandayars are gentlemen farmers with a comprehensive skill for administrative management. Sri Pushpam with its sylvan delta surroundings which has a balanced eco system, is a haven for education.

ABOUT THE DEPARTMENT

PERIYAR MANIAMMAI INSTITUTE OF SCIENCE & TECHNOLOGY

The Department of physics was established in the year 1988. The department is having highly qualified and well-experienced faculty members. The department is carrying out various research works in the fields of Crystal growth, Thin films, Solar thermal energy, Crystallography, membrane technology and Condensed matter physics. The department is offering B.Sc. Physics, M.Sc. Physics, as regular courses and Ph.D. as full/part time program. The department is having a well-equipped laboratory, which fulfills the need of B.Tech, B.Sc. Physics, M.Sc Physics, and Ph.D. candidates.

A.V.V.M SRI PUSHPAM COLLEGE

The Department of Physics was established in 1961 with B.Sc. program. It was elevated as Post-graduate Department in 1972 and as Research Department in 1982. Both part-time and full-time Ph.D. programmes are being conducted since 1982. Research activities in materials science were started in the Physics Department in the year 2006 and active research is being pursued since then. Intense research activities are in progress in the fields of Thin Films, Nanotechnology, Crystal growth and Nonlinear Dynamics in collaborations with researchers from abroad and reputed institutions in India. Five major and ten minor research projects have been successfully completed in the last ten years. More than 300 research articles have been published in Science Citation Indexed International journals with good impact factors.

SCOPE OF THE CONFERENCE

This International Conference on Progress in Materials Science for Sustainable Energy, Environment and Health aims to bring together scientists, engineers and young researchers from around the world to discuss the latest advancements in materials science and their potential applications for a sustainable future. The conference will provide a platform for researchers to share their latest findings and for young researchers to learn about the potential of materials science to address global challenges. The conference is expected to attract a large number of attendees from both academia and industry, and it is expected to play a significant role in promoting the development of new materials for a sustainable future.

CALL FOR ABSTRACTS

Topics not limited to

Researchers are invited to submit original contributions in any of the following areas for presentation (Oral/Poster) at the conference:

- Thin films
- Nanomaterials
- Solar cell materials
- Semiconducting and magnetic materials
- Optoelectronic materials
- Photocatalysts
- Sensors
- Energy storage devices
- Crystal growth
- Crystallography
- Biomaterials

ORAL/POSTER PRESENTATION

Abstracts for oral/poster presentation should not exceed 200 words (Times of New Roman with font size 12) with title, authors name, affiliation, e-mail ID and mobile number. Abstracts should be submitted to ficpmsseeh@gmail.com

(Oral presentation time : 5 minutes)

Poster size should not exceed 90 cm H × 45 cm W)

REGISTRATION FEE (inclusive of GST)

Students (UG & PG) - Rs. 500/-

Research Scholars - Rs. 700/-

Faculties/Delegates from Industries - Rs.1000/-

International participants - \$ 40

Scan the QR Code for registration fee payment and attach the screenshot in the google form.

NOTE

- The conference proceedings will be published with an ISBN number.
- Only selected papers shall be considered for publication in reputed Scopus/web of science indexed journal (subject to external review)
- Best oral/poster presentation will be awarded

Registration Link: <https://forms.gle/rUMUSsdwkojkzYe26>

ACCOMMODATION

Accommodation will be arranged on request in the campus for outside participants at minimal cost.

Advisory committee

Dr. J. JEYACHIDRA, Dean - Academic/ TLE, PMIST.
Dr. V. VIOLET JULI, Dean (Academic) / Curriculum Development, PMIST.
Dr. P. VIJAYALAKSHMI, Dean i/c - FHSM, PMIST.
Dr. D. JEYASIMMAN, Director - Academic Research, PMIST.
Dr. P. BALAKUMAR, Director - Research Training and Publications, PMIST.
Dr. S. GUNASEKARAN, Founder President ISPA, Dean (R&D) SPIHER.
Dr. R. JAYARAMAN, G.T.N. Arts College (A), Dindigul.
Dr. A. KATHALINGAM, Dongguk university, Seoul, South Korea.
Dr. SURESH KUMAR GADI, Autonomous University of Coahuila, Mexican state
Dr. R. CHANDRAMOHAN, Nachiappa Swamikal Arts & Science College, Karaikudi
Prof. I. HUBERT JOE, University of Kerala, Kerala.
Dr. B. M. NAGABHUSHANA, M.S. Ramaiah Institute of Technology, Bangalore.
Dr. G. SAHAYA BASKARAN, Andhra Loyala College, Vijayawada.
Dr. S. PERIANDY, KMCPGS, Puducherry.
Dr. B. SUBRAMANIAN, CECRI, Karaikudi.
Dr. B. SUNDARESAN, Ayya Nadar Janaki Ammal College, Sivakasi.
Dr. A. T. RAVICHANDRAN, National College, Trichy.
Dr. P. DEVENDRAN, KARE, Krishnakoil.
Dr. C. RAMACHANDRA RAJA, AVC College, Mayiladuthurai.
Dr. G. RANI, Rajah Serfoji Government College (A), Thanjavur.
Dr. S. DHEIVAMALAR, Periyar EVR College (A), Thanjavur.
Dr. M. SRIDHARAN, Sastra Deemed University, Thanjavur.
Dr. S. SRIRAM, Sastra Deemed University, Thanjavur.
Dr. T. C. SABARI GIRISUN, Bharathidasan University, Trichy.
Dr. S. MURUGAN, AVC College, Mayiladuthurai.
Dr. R. PRICILLA, ADM College for Women, Nagapattinam.
Dr. B. SARAVANAN, Marudhupandiar College, Thanjavur.
Dr. S. SHANTHAKUMARI, Shrimati Indira Gandhi College, Trichy.
Dr. K. DHANABALAN, J. J. College of Arts and Science, Pudukottai.
Dr. S. MANIMARAN, Thandhai Hans Roever College, Perambalur.
Dr. I. MANIMEGAN, MR Government Arts College, Mannarkudi.
Dr. S. KUMARAVELAN, Urumu Dhanalaksmi College, Mannarkudi.
Dr. B. EBINESAR, Government Arts College (A), Kumbakonam.
Dr. T. KAVITHA, Idhaya College for women, Kumbakonam.
Dr. R. MOHAN, Sree Sevugam Annamalai College, Devakottai.
Dr. S. NILAVALAGAN, Raja Sarfoji Government College (A), Thanjavur.
Dr. M. KARUNAKARAN, Alagappa Government Arts College, Karaikudi.
Dr. V. BALACHANDRAN, Arignar Anna Government Arts College, Musiri.
Dr. K. CATHERINE SIRIYA PUSHPA, Govt. Arts & Science College, Karambakudi.
Dr. A. AYESHAMARIAM, Khadir Mohideen College, Adirampattinam.
Dr. R. RATHI, Sengamala Thayaar Educational Trust, Mannarkudi.
Mrs. M. USHARANI, Sri Vekateshwara Arts and Science, Peravurani.
Dr. C. DHANRAJ, Dhanalakshmi Srinivasan Arts & Science College, Perambalur.

Important Dates:

Submission of Abstracts: 29.02.2024

Registration last date: 29.02.2024

Intimation of acceptance: 02.03.2024

Submission of full length paper: 04.03.2024

For Contact

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